

## EAST Search History

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| S2    | 507    | (607/27).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/17 11:44 |
| S1    | 8      | ("5312451" "5318594" "6339723" "6397105").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2006/02/17 11:44 |
| S4    | 3988   | (607/4,9-30).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/17 11:46 |
| S5    | 661040 | sensitivity or((sense or sensing or detect\$3) with threshold) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2006/02/17 11:47 |
| S7    | 287405 | capture or ((pac\$3 or pulse or stimulat\$3) with threshold)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2006/02/17 11:48 |
| S10   | 610    | S8 S9 S4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2006/02/17 11:49 |
| S9    | 1555   | S6 same S7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2006/02/17 11:49 |
| S8    | 1668   | S6 same S5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2006/02/17 11:49 |
| S3    | 318    | (607/28).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/17 11:49 |
| S12   | 1442   | "evoked response"  | US-PGPUB;<br>USPAT;<br>USOCR                            | AND              | ON      | 2006/02/17 12:32 |

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## EAST Search History

|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S11 | 78   | ("3782367"   "3920024"   "4232679"   "4416282").PN. OR ("4686988").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/17 12:32 |
| S13 | 7    | ("4686988"   "4817605"   "4940052"   "4944298"   "5741312").PN. OR ("6408210").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/17 12:44 |
| S14 | 7    | ("4686988"   "4817605"   "4940052"   "4944298"   "5350410"   "5601615").PN. OR ("6389316").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/17 12:45 |
| S15 | 11   | ("4686988"   "4905696"   "5165404"   "5443485"   "5476786"   "5601615").PN. OR ("5782889").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/17 12:55 |
| S16 | 51   | ("4257423"   "4374382"   "4428378"   "4556063"   "5052388"   "5127404"   "5165404"   "5165405"   "5172690"   "5222493"   "5237992"   "5265603"   "5285780"   "5320643"   "5324310"   "5350410"   "5476486").PN. OR ("5601615").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/17 13:30 |
| S17 | 23   | ("3777762"   "3949758"   "4674508"   "4817605"   "4903700"   "4969462"   "5172690"   "5265603").PN. OR ("5476486").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/17 14:03 |
| S19 | 35   | ("4407296"   "4485813"   "4556063"   "4640285"   "4708144"   "4766902"   "4768511"   "4827934"   "4880004"   "4903699"   "5081987"   "5127404"   "5133349"   "5134997"   "5137019").PN. OR ("5374282").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/17 14:56 |
| S21 | 178  | (600/521).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/02/17 14:57 |
| S20 | 1150 | (600/509).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/02/17 14:57 |

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|     |         |  |   |     |    |                  |
|-----|---------|--|---|-----|----|------------------|
| S22 | 17      | ("3927677"   "4708144"   "4779617"   "4880004"   "4903699"   "5117824"   "5269300"   "5339820"   "5365932"   "5374282"   "5564430"   "5658317"   "5683431"   "5713934"   "5755738"   "5913880"   "5957857").PN. OR ("6772009").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/17 14:58 |
| S23 | 9       | ("4708144"   "5050599"   "5370124"   "5374282"   "5388586"   "5423870"   "5448997").PN. OR ("5669392").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/17 15:00 |
| S25 | 3540356 | detect\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 16:26 |
| S6  | 27771   | atrial or atrium   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 16:26 |
| S26 | 1257049 | loss or absense or losing or forfeit\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 16:27 |
| S18 | 242     | S3 not (S11 or S13 or S14 or S15 or S16 or S17)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 16:35 |
| S30 | 460     | S2 not (S3 or S11 or S13 or S14 or S15 or S16 or S17)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 16:37 |
| S29 | 243     | S24 or S28   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 16:39 |
| S32 | 379     | S10 not (S11 or S13 or S14 or S15 or S16 or S17 or S2 or S3 or S29)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 16:41 |
| S33 | 26      | ("4527568"   "4856523"   "5065759"   "5144949"   "5247930").PN. OR ("5391189").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/17 16:53 |

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|     |       |  |   |     |    |                  |
|-----|-------|--|---|-----|----|------------------|
| S34 | 12    | ("4513743"   "5065759"   "5247930").PN. OR ("5454836").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/17 17:06 |
| S35 | 40    | ("4257423"   "4374382"   "4556063"   "5127404"   "5331966"   "5454836"   "5507782").PN. OR ("6129745").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/17 17:38 |
| S36 | 19    | ("4527568"   "4663701"   "4856523"   "4903699"   "4913145"   "5052388"   "5103819"   "5190052"   "5350409"   "5391189"   "5431693"   "5443485"   "5543795"   "5571144").PN. OR ("5800466").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/17 17:47 |
| S39 | 3878  | S6 with (S5 or S25 or S24)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 18:23 |
| S28 | 84    | S26 with S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 18:24 |
| S40 | 89    | S26 with S39   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 18:25 |
| S37 | 180   | (S27 or S8 or S24) S30   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 18:25 |
| S27 | 3869  | S6 with (S5 or S25)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 18:33 |
| S41 | 17942 | S26 with (detection or sensing)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 18:34 |
| S42 | 133   | S6 with (S41 or S24)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/17 18:35 |

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|     |         |  |   |     |    |                  |
|-----|---------|--|---|-----|----|------------------|
| S44 | 62      | ("4223678"   "4550370"   "4596255"   "4705042").PN. OR ("4825869").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 10:46 |
| S45 | 33      | ("4248238"   "4316472"   "4577633"   "4860749"   "4953551"   "5117824"   "5163427"   "5188105"   "5201865"   "5330508"   "5342402"   "5383910"   "5558098").PN. OR ("5713932").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 10:59 |
| S47 | 3124675 | lead or electrode or catheter or (electrical with contact)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/19 11:01 |
| S46 | 128772  | dislocat\$3 or dislodg\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/19 11:01 |
| S50 | 166     | S49 same S48   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/19 11:02 |
| S49 | 27774   | atrial or atrium   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/19 11:02 |
| S48 | 6361    | S46 with S47   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/19 11:02 |
| S51 | 3       | ("5558098"   "5713932"   "5910120").PN. OR ("6347249").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 11:11 |
| S52 | 17      | ("4316472"   "4577633"   "4953551"   "5117824"   "5163427"   "5188105"   "5464431"   "5554175"   "5591215"   "5713932"   "5755736"   "5782889"   "5817134"   "5861012"   "5865838").PN. OR ("6195584").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 11:28 |
| S53 | 14      | ("4708144"   "4880004"   "4903699"   "5117824"   "5269300"   "5339820"   "5476485"   "5709215"   "5755738").PN. OR ("5913880").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 11:49 |

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|     |         |  |   |     |     |                  |
|-----|---------|--|---|-----|-----|------------------|
| S54 | 35      | ("4375817"   "4379459"   "4384585"   "4476868"   "4556063"   "4577633"   "4726380"   "4727877"   "4800883"   "4830006"   "4880004"   "4880005"   "4949719"   "4953551"   "5010887"   "5099838"   "5103819"   "5117824"   "5144949"   "5158078"   "5163427"   "5199428"   "5207218"   "5312453"   "5314430"   "5330507"   "5331966"   "5564430"   "5620466"   "5685315"   "5755738"   "5800465"   "5891171"   "6029086"   "6029087").PN. OR ("6745076").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/19 12:11 |
| S38 | 349     | S27 S32  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/02/19 12:54 |
| S24 | 167     | undersens\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/02/19 13:00 |
| S62 | 3869    | S49 with (S57 or S59)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/02/19 13:01 |
| S61 | 1740767 | undersens\$3 or "under sesning" or failure or S60  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/02/19 13:01 |
| S63 | 3988    | (607/4,9-30).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/02/19 13:02 |
| S64 | 245     | (S61 same S62) S63   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/19 13:03 |
| S43 | 9       | ("4401119"   "4407287"   "4712556"   "4825870"   "4967746"   "4974589"   "5591214"   "5776167"   "6128532").PN. OR ("6819955").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/19 13:03 |
| S65 | 158     | S64 not (S55 or S56)   | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON  | 2006/02/19 13:05 |

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|     |     |  |   |     |    |                  |
|-----|-----|--|---|-----|----|------------------|
| S66 | 129 | S57 S65                                      | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 13:29 |
| S68 | 3   | S58 S67                                      | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 13:30 |
| S67 | 584 | (corresponding or concomitant) with<br>delay | US-PGPUB;<br>USPAT;<br>USOCR                            | AND | ON | 2006/02/19 13:30 |
| S70 | 2   | "6129745".pn.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/19 14:29 |
| S69 | 2   | "5476486".pn.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/19 14:29 |
| L9  | 2   | "6259950".pn.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/02/27 14:37 |